

22. SEALING OF STAMPED CONCRETE SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:

a. ALL STAMPED CONCRETE TO BE SEALED SHALL BE SUFFICIENTLY CURED PRIOR TO APPLICATION OF SAID SEALANT. ALSO, ALL CAULKING AND EXPANSION JOINT WORK SHALL BE FULLY CURED PRIOR TO APPLICATION OF THE SEALANT. THE COVERAGE RATE SHALL BE 100 TO 125 SQUARE FEET PER GALLON, UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER.

b. THE MATERIAL INVOLVED IN THIS APPLICATION SHALL BE GUARANTEED BY THE MANUFACTURER. THE GUARANTEE SHALL ENSURE THE MOISTURE PERFORMANCE OF THE SYSTEM FOR A PERIOD OF FIVE YEARS FROM THE DATE OF APPLICATION. PROVISIONS OF THE GUARANTEE SHALL INCLUDE RESPONSIBILITY FOR WATER PENETRATIONS, CHLORIDE (SALT), AND FREEZE-THAW DAMAGE THROUGH STRUCTURALLY SOUND AREAS, OTHERWISE NO LIABILITY IS TO BE REQUIRED FOR DEFECTS IN THE SUBSTRATE. LIABILITY FOR DAMAGE, IN ANY RESPECT, TO THE ADJACENT BUILDINGS OR CONTENTS THEREOF IS SPECIFICALLY FROM THESE REQUIREMENTS.

c. THE CONTRACTOR WILL BE REQUIRED TO APPLY SEALER TO THE TEST AS PREVIOUSLY STATED. APPLICATION OF THE SEALER WILL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. APPLICATION METHODS MAY RANGE FROM BRUSH/PUSH BROOM TO AIRLESS SPRAY. IT SHOULD BE NOTED, THAT THERE MAY BE A NEED TO BROOM THE SEALING COMPOUND INTO THE SURFACE EVEN WITH AN AIRLESS APPLICATION. THE ENGINEER WILL DETERMINE THE NEED FOR BROOMING AN AIRLESS APPLICATION.

d. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A QUART SAMPLE OF THE PROPOSED SEALING COMPOUND TO THE ENGINEER A MINIMUM OF TWO WEEKS PRIOR TO ITS PROPOSED APPLICATION TO THE TEST SECTION. THE ENGINEER SHALL HAVE THE SAMPLE EVALUATED BY AN APPROVED INDEPENDENT LABORATORY TO ENSURE THE MATERIAL CONFORMS WITH THE SPECIFIED PERFORMANCE CRITERIA.

e. ALL MATERIALS SHALL BE DELIVERED IN THE ORIGINAL MANUFACTURER'S SEALED CONTAINERS. MATERIALS SHALL BE STORED TO PREVENT DAMAGE TO THE CONTAINERS. THE SEALER SHALL BE THOROUGHLY STIRRED BEFORE AND DURING USE. SURFACE, AIR AND MATERIAL TEMPERATURES SHALL NOT BE LESS THAN 50 DEGREES FAHRENHEIT DURING APPLICATION OR WITHIN 4 HOURS AFTER SAID APPLICATION. AREAS NOT SUBJECT TO NATURAL VENTILATION SHALL HAVE POSITIVE VENTILATION PROVIDED THROUGHOUT THE APPLICATION. PERSONNEL SHALL BE WARNED AGAINST PROLONGED BREATHING OF VAPORS AND CONTACT OF MATERIALS WITH THE SKIN OF EYES. PROTECT OTHER SURFACES NOT BEING SEALED AS NECESSARY DURING THE APPLICATION PROCESS.

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